IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wayne D. Frasch, et al.

Examiner: Amanda Marie Shaw

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For: POLARIZATION-ENHANCED

Dated: January 8, 2007

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FOR DETECTING NANOSCALE ROTATIONAL

MOTION AND METHOD THEREFORE

Confirmation No. 4137

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

AMENDMENT AND RESPONSE

Responsive to the Notice of Non-Compliant Amendment dated December 10, 2007, Applicants request entry of record of the attached Amendment, and favorable reconsideration in view thereof.

Amendments to the Specification: None

New Claims: Begin on Page 2

Amendments to the drawings: None

Remarks: Begin on Page 5

CERTIFICATE OF ELECTRONIC TRANSMISSION

I hereby certify that this correspondence is being filed in the United States Patent and Trademark Office on the date shown below via electronic transmission

Dated:

January 8, 2007

Richard L. Catania